

ABSTRACT OF THE DISCLOSURE

A filter device of a hollow fiber membrane type is prevented from being clogged. A filter cylinder is two-divided with a filter chamber on the upper side and a recovery chamber on the lower side by a funnel member. A hollow fiber membrane module is arranged in a state spread in a broom form within the filter chamber. Raw fluid is radially ejected through ejection ports of an injection pipe. Consequently, the hollow fiber membrane module positively spreads into a broom form while vibrating. Due to this, raw fluid sufficiently reaches an inside of the hollow fiber membrane module, thereby achieving efficient filtration and stripping away of deposit. The stripped deposit enters the recovery chamber. The deposit entered the recovery chamber does not return to the filter chamber. Thus, there is no re-deposition of the once-removed deposit onto the hollow fiber membrane module.